Please type a plus sign (+) inside this box



SUBSTITUTE for PTO/SB/ Utility Patent Application Transmittal Approved through 09/30/2000. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 20413Y First Inventor or Application Identifier NEEPER, ET AL. SYNTHETIC HUMAN PAPILLOMAVIRUS GENES

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. | EL523903475US

Title

8. PT	
7 U.S	21
9 9	

See MPEP o	APPLICATION ELEMENTS chapter 600 concerning utility patent application conte	nts.	ADDRI	ESS TO: Box Pat	it Commission ent Applicat gton, DC 20	ion	tents
1. X Fee (Sur 2. X Spor 3. X Dra 4. Oath or D a. X b	transmittal Form bmit an original, and a duplicate for fee process.  ecification [Total Pages]  awing(s) (35 USC 113) [Total Sheets]  [Total Pages]  Declaration  Newly executed (original or copy)  Copy from a prior application (37 CFR 1.63(c) (for continuation/divisional with Box 14 comp.  [Note Box 5 below]  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).  Corporation By Reference (useable if Box 4b ethecked). The entire disclosure of the prior plication, from which a copy of the oath or claration is supplied under Box 4b, is considered being part of the disclosure of the accompanying intinuation or divisional application and is hereby corporated by reference therein.	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Copy  b. Paper Copy (identical to computer copy)  c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  7. Assignment papers (cover sheet & document(s))  8. 37 CFR 3.73(b) Statement (when there is an assignee) Power of (tidentical to computer copy)  Pretiminary Attorney  9. Information Disclosure Statement Copies of (IDS)/PTO-1449 IDS Citations  10. Pretiminary Amendment  11. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  12. Certified Copy of Priority Document(s) (if foreign priority is claimed)  13. Other:					
Cor	NTINUING APPLICATION, check approprion ntinuation Divisional Continuation Divisional Continuation Divisional Continuation Divisional Divisional Divisional Continuation Divisional Division			he requisite informa  P) of prior application		/	
X Custome Label	or Number or Bar Code Cust (Insert Custor		No. 00 r Attach b				
NAME	JOANNE M. GIESSER						
ADDRESS	Merck & Co., Inc., P. O. Box 2000 - Patent De	ept., RY6	0-30	W			
CITY	Rahway	STATI	E NJ		ZIP	CODE	07065-0907
COUNTRY	USA	TELE	PHONE	732-594- 3046	FA	X	732-594-4720
Name	JOANNE M. GIESSER		Regist	ration No. (Attorney	/Agent)	32,838	
Signature	Joanne M. Lies	een			Date	8/21/200	00
	EXPRE	SS MAIL	. CERTII	FICATE			

DATE OF DEPOSIT August 21, 2000

EXPRESS MAIL NO. EL523903475US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT) APPLICATION, WASHINGTON, D.C. 20231.

MAILED BY

DATE

Computer generated form "Transmittal Form Non-PV" (Application Filing Folder) Merck & Co., Inc., 11/10/99









## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

Deposit Acct. 13-2755 MERCK & CO., INC.

Our Case Docket No. 20413Y

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the patent application of Inventor(s): MICHAEL P. NEEPER, WILLIAM L. MCCLEMENTS, KATHRIN U. JANSEN, LOREN D. SCHULTZ, LING CHEN, XIN-MIN WANG

For: SYNTHETIC HUMAN PAPILLOMAVIRUS GENES

_ For	Number Filed	Number Extra	Rate	Basic Fee \$690
Total Claims	30 - 20 =	10 X	\$18	= \$180
ndependent Claims	7 - 3=	4 X	\$78	= \$312
Multiple Dependent Claims*		X	\$260	=
Add this fee if applicatio multiple dependent clair of number.	n contains any ns, regardless	TOTAL FILING	FEE	\$1,182

Please charge my Deposit Account No. 13-2755 in the amount of \$ 1,182 . The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 13-2755. Duplicate copy of this sheet is enclosed.

Under the provisions of 37 C.F.R. §1.53, this application is being filed without the declaration of each inventor.

<b>EXPRESS</b>	MAIL	CERTIFIC	ATE

DATE OF DEPOSIT August 21, 2000

EXPRESS MAIL NO. EL523903475US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

MAILED BY

8/21/00

Respectfully,

JOANNE M. GIESSER

Attorney For Applicant(s)

Reg. No. 32,838

MERCK & CO., INC.

Patent Dept., RY60-30

P.O. Box 2000

Rahway, N.J. 07065-0907

(732) 594- <u>3046</u>

Date: August 21, 2000

IN DUPLICATE